

6P 3743  
PATENT

Case Docket No. ESLABS.003C1

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Knowles, et al.  
Appl. No. : 10/072,424  
Filed : February 8, 2002  
For : THERMAL INTERFACE  
Examiner : Unknown  
Group Art Unit : 3743

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*James F. Herkenhoff*  
James F. Herkenhoff, Reg. No. 51,241

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Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with sixty (60) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
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ESLABS.003C1

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Knowles, et al. ) Group Art Unit 3743  
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INFORMATION DISCLOSURE STATEMENT

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Dear Sir:

Enclosed is form PTO-1449 listing sixty (60) references . This Information Disclosure Statement is being filed within three months of the filing date of this application or upon filing if this is a CPA or RCE, and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

In accordance with 37 C.F.R. § 1.98(d), the cited references were provided in U.S. Patent Application 09/593,587 which is relied upon for an earlier filing date under 35 U.S.C. 120 and therefore no copies of the documents are being sent.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

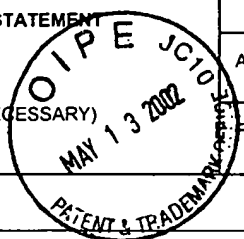
Dated: 5/8/02

By: James F. Herkenhoff  
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
ESLABS.003C1APPLICATION NO.  
10/072,424INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

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APPLICANT  
Knowles, et al.FILING DATE  
02/08/02GROUP  
3743

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	2,542,637	2/20/51	De Poy, et al.	148	15	
	2	3,294,880	12/27/66	Turkat	264	29	
	3	3,375,338	3/26/68	Turkat	264	29	
	4	3,531,249	9/29/70	Turkat	23	209.2	
	5	3,543,842	12/1/70	Merges	165	82	
	6	3,609,992	10/5/71	Cacheux	62	514	
	7	3,969,754	7/13/76	Huniya, et al.	357	65	
	8	4,161,747	7/17/79	Jennings	357	82	
	9	4,318,954	3/9/82	Jensen	428	209	
	10	4,414,142	11/8/83	Vogel, et al.	252	506	
	11	4,415,025	11/15/83	Horvath	165	185	
	12	4,424,145	1/3/84	Sara	252	509	
	13	4,435,375	3/6/84	Tamura, et al.	423	439	
	14	4,470,063	9/4/84	Arakawa, et al.	357	67	
	15	4,482,912	11/13/84	Chiba, et al.	357	67	
	16	4,485,429	11/27/84	Mittal	361	386	
	17	4,591,659	5/27/86	Leibowitz	174	68.5	
	18	4,630,174	12/16/86	Kaufman	361	388	
	19	4,749,514	6/7/89	Mursilami, et al.	252	500	
	20	4,816,289	3/28/89	Komatsu, et al.	423	447.3	
	21	4,849,858	7/18/89	Grapes, et al.	361	388	
	22	4,867,235	9/19/89	Grapes, et al.	165	185	
	23	4,878,152	10/31/89	Sauzade, et al.	361	386	
	24	4,933,804	6/12/90	Bertenshaw, et al.	361	111	
	25	4,966,226	10/30/90	Hamburgen	165	104.26	
	26	4,985,805	1/15/91	Riedel, et al.	361	386	
	27	5,014,161	5/7/91	Lee, et al.	361	388	
	28	5,077,637	12/31/91	Martorana, et al.	361	386	

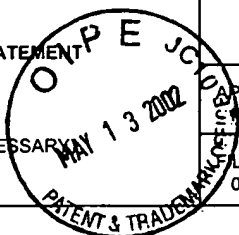
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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ESLABS.003C1	APPLICATION NO. 10/072.424
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Knowles, et al.	
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	29	5,111,359	5/5/92	Montesano	361	388	
	30	5,150,748	9/29/92	Blackmon, et al.	165	41	
	31	5,212,625	5/18/93	Van Andel, et al.	361	383	
	32	5,224,030	6/29/93	Banks, et al.	361	386	
	33	5,260,124	11/9/93	Gaier	428	257	
	34	5,287,248	2/15/94	Montesano	361	708	
	35	5,316,080	5/31/94	Banks, et al.	165	185	
	36	5,323,294	6/21/94	Layton, et al.	361	699	
	37	5,389,400	2/14/95	Ting, et al.	427	249	
	38	5,402,004	3/28/95	Ozmat	357	717	
	39	5,424,054	06/95	Bethune, et al.	423	447.2	
	40	5,424,916	6/13/95	Martin	361	698	
	41	5,428,601	1/9/96	Ohshima, et al.	204	173	
	42	5,494,753	2/27/96	Anthony	428	408	
	43	5,520,976	5/28/96	Giannetti, et al.	428	36.3	
	44	5,523,260	6/4/96	Missele	437	209	
	45	5,542,471	8/6/96	Dickinson	165	170	
	46	5,566,752	10/22/96	Arnold, et al.	165	185	
	47	5,591,312	1/7/97	Smalley	204	157.41	
	48	5,604,037	2/18/97	Ting, et al.	428	408	
	49	5,608,267	3/4/97	Mahulikar, et al.	257	796	
	50	5,698,175	12/97	Hiura, et al.	423	447.1	
	51	5,753,088	5/19/98	Oik	204	173	
	52	5,805,424	09/98	Purinton	361	760	
	53	5,814,290	9/29/98	Niu, et al.	423	344	
	54	5,830,326	11/3/98	Ijima	204	173	
	55	6,063,243	5/16/00	Zetli, et al.	204	164	
	56	6,156,256	12/00	Kennel	264	461	

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57	6,183,854	02/01	Stiller, et al.	428	312.2	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
58	Ren, et al., Synthesis of Large Arrays of Well-Aligned Carbon Nanotubes on Glass, SCIENCE, Vol. 282, pp. 105-107, November 6, 1988	
59	Huang, et al., Growth of Highly Oriented Carbon Nanotubes of Plasma-Enhanced Hot Filament Chemical Vapor Deposition, APPLIED PHYSICS LETTERS, Vol. 73, No. 6, pp. 3845-3847, December 28, 1998	
60	Li, et al., Highly-ordered Carbon Nanotube Arrays for Electronics Applications, APPLIED PHYSICS LETTERS, Vol. 75, No. 3, pp. 367-369, July 19, 1999	

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